

Zinc L-Carnosine



Hamari Chemicals USA

Features

- ✓ promotes a healthy stomach lining and environment
- ✓ helps relieve occasional gastric discomfort
- ✓ maintains a healthy gastrointestinal environment
- ✓ supports the health of gastric cells
- ✓ science-based nutrition

- ✓ cGMP management, ISO 14001
- ✓ Kosher Certified

- ✓ registered as an Active Pharmaceutical Ingredient in Japan
- ✓ registered as a New Dietary Ingredient in the US



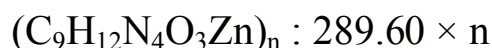
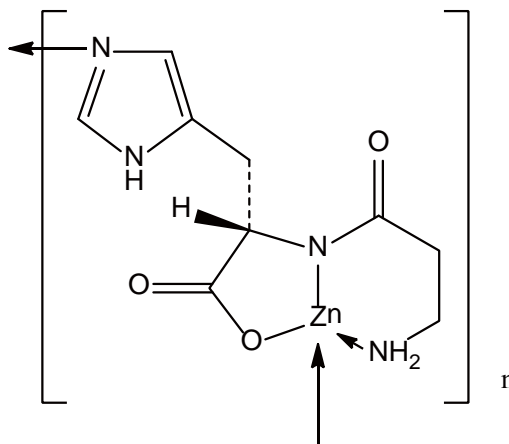
Method of Action

Hamari's Zinc L-Carnosine enhances stomach lining integrity, owing to its free-radical quenching capability as well as its effects on growth factors and immunomodulating activities. When Zinc is complexed to L-Carnosine, it dissociates in the stomach at a slower rate. This prolonged existence allows it to maintain its gastric healing effect over a longer period of time. Because of their fast diffusion rates, non-molecular combinations (admixtures) of L-Carnosine and Zinc are less effective. The proprietary chelation process along with excellent scientific research make Hamari's Zinc L-Carnosine the best choice for supporting gastric health.

Zinc L-Carnosine Complex Specification Sheet

I. Substance

- (1) Name: Zinc L-Carnosine Complex (CAS 107667-60-7)
- (2) Inventor: Hamari Chemicals, Ltd.
- (3) Structural formula, molecular formula and molecular weight



II. Specifications

No.	Test Name	Specification
1	Appearance	White to pale yellowish white crystalline powder
2	Odor	Odorless
3	Identification	Positive
4	Optical rotation	$[\alpha]_D^{20}$: +8° to +9°
5	Clarity and Color of Solution	Clear and colorless, or not more turbid than control solution
6	Related substances	Not more than 1.0%
7	Water	Not more than 5.0%
8	L-Carnosine	76.0% to 80.0% (dry basis)
9	Zinc	21.5% to 23.0% (dry basis)

III. Quality Standards

Japanese Pharmacopoeia and Yonezawa Hamari Chemicals, Ltd.

IV. Packaging

Store in tightly-closed containers

Standard package size: 10 kg



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